



REQUEST AND RECOMMENDATION

ONE YEAR OPTION

600- 749 Clock Hour Programs – Automotive Collision Repair

Background:

To provide another option for adult students to apply prior learning toward a degree, Ohio legislators established what has come to be known as the One-Year-Option through Section 363.120 House Bill 59 of the 130th General Assembly. The Chancellor of the Ohio Department of Higher Education, in consultation with the Superintendent of Public Instruction and the Governor's Office of Workforce Transformation, was tasked to establish a One-Year Option credit articulation system in which graduates of Ohio's adult career-technical institutions who complete a 900-hour program of study AND obtain an industry-recognized credential approved by the Chancellor will be able to receive 30 technical semester credit hours toward a technical degree upon enrollment in a public institution of higher education. The Chancellor was also to recommend a process to award proportional semester credit hours for adult career-technical institution students who complete a program of study between 600 and 899 hours AND obtain an industry-recognized credential approved by the Chancellor. The Chancellor convened a broad group of stakeholders to develop a system of articulation for the One Year Option that was presented in a report to the legislature called, *"Getting to 30: Establishing a One Year Option Credit Articulation System for Ohio."*

In order to implement the system of articulation developed with the stakeholders as well as address accreditation requirements for degree granting institutions, the Chancellor convened Credit Affirmation Teams (CATs) to conduct a peer review of programs and certifications for affirmation for a block of 30 semester hours of technical credit. The CATs were comprised of faculty and administrators from Ohio Technical Centers (OTCs) and an equal number from public degree granting colleges and universities in Ohio. The CATs were organized by four discipline clusters: Health and Allied Health, Building and Industrial Technology, Business and Information Technology, and Services. They were charged with reviewing the certifications and, if necessary, program content, to affirm that students completing the selected program at an Ohio Technical Center and earned approved certifications had demonstrated competencies equivalent to technical credit. CATs affirmed that programs over 900 hours, articulated to a block of 30 technical credit hours. For programs between 600-899 credit hours, the review resulted in a proportional amount of credit hours being awarded. This technical credit would then be granted, as a block, upon enrollment in a degree granting institution. Additional subject matter experts were consulted when core team members did not have sufficient content knowledge of the program being reviewed.

Recommendation

As detailed in the attached template, the Building and Industrial Technology Credit Affirmation Team recommends that students will be eligible for a block of 20 semester hours of technical credit towards an *Associate of Technical Studies in Building and Industrial Technology* when:

- the student has successfully completed a 600- 749 clock hour program in Automotive Collision Repair at an Ohio Technical Center.

And currently holds **TWO** of the following credentials:

- ASE Student Exam: Structural Analysis and Damage Repairs
- ASE Student Exam: Non-Structural Analysis and Damage Repair
- ASE Student Exam: Mechanical and Electrical Components
- ASE Student Exam: Painting and Refinishing

And currently holds the following credential:

- OSHA 10 General Industry

Please note these certifications must be current and valid. If an individual's ASE Student certifications have expired, the individual must have previously passed all of the certifications and hold at least one current ASE technician certification (B2- B5) or an ASE Master Collision Technician certification.

One-Year Option
Certification Affirmation Template

End of Comment Period: May 24, 2017 at 3:15 PM
No comments received, recommend approval

RECOMMENDATION

The Vice Chancellor has verified that this institution has met the standards and requirements of the Ohio Department of Higher Education.

Davidson

Stephanie Davidson, Vice Chancellor of Academic Affairs

5/31/17

Date

APPROVAL

John Carey

John Carey, Chancellor

6/8/17

Date

mic

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Certification Affirmation Template

The Program Affirmation Template is designed to provide a common matrix for a peer review process acceptable to the Higher Learning Commission to soundly affirm awarding technical credit for Ohio Technical Center graduates who are eligible for the One Year Option. The template should be completed for every program/subject and signed by the co-chairs of each of the four-cluster program areas for every Industry-recognized credential and program reviewed.

Please note: All Ohio Technical Centers must be accredited by one of the following: [Council on Occupational Education \(COE\)](#) and/or [Accrediting Commission of Career Schools and Colleges \(ACCSC\)](#).

Program Name: Autobody/Collision and Repair Technology/Technician CIP Code: 47.0603	Cluster <input type="checkbox"/> Business & Information Technologies <input type="checkbox"/> Health/Allied Health <input checked="" type="checkbox"/> Industrial Trades <input type="checkbox"/> Service Industries & Agriculture						
CIP CODE DEFINITION							
A program that prepares individuals to apply technical knowledge and skills to repair, reconstruct and finish automobile bodies, fenders, and external features. Includes instruction in structure analysis, damage repair, non-structural analysis, mechanical and electrical components, plastics and adhesives, painting and refinishing techniques, and damage analysis and estimating.							
STEP ONE: CREDENTIAL REVIEW							
Primary Industry Credential (if there are competing certifications complete page multiple times)	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%; text-align: center;">Details/Explanation</th> <th style="width: 40%; text-align: center;">Comments</th> </tr> </thead> <tbody> <tr> <td style="vertical-align: top;"> Name: Automotive Service Excellence (ASE) Student Certifications Type: <input type="checkbox"/> License <input type="checkbox"/> Registry <input checked="" type="checkbox"/> Certification </td> <td style="vertical-align: top;"> Student must complete at least two of the following ASE student certifications: <ul style="list-style-type: none"> ASE Student Exam: Structural Analysis and Damage Repairs ASE Student Exam: Non-Structural Analysis and Damage Repair ASE Student Exam: Mechanical and Electrical Components ASE Student Exam: Painting and Refinishing </td> </tr> <tr> <td style="vertical-align: top;"> Program requirements by credentialing body. </td> <td style="vertical-align: top;"> About the Exams: The ASE Student Certification program is specifically designed to evaluate and certify students who are near the end of their studies. The National Institute for Automotive Service Excellence (ASE) developed the exams in partnership with Automotive </td> </tr> </tbody> </table>	Details/Explanation	Comments	Name: Automotive Service Excellence (ASE) Student Certifications Type: <input type="checkbox"/> License <input type="checkbox"/> Registry <input checked="" type="checkbox"/> Certification	Student must complete at least two of the following ASE student certifications: <ul style="list-style-type: none"> ASE Student Exam: Structural Analysis and Damage Repairs ASE Student Exam: Non-Structural Analysis and Damage Repair ASE Student Exam: Mechanical and Electrical Components ASE Student Exam: Painting and Refinishing 	Program requirements by credentialing body.	About the Exams: The ASE Student Certification program is specifically designed to evaluate and certify students who are near the end of their studies. The National Institute for Automotive Service Excellence (ASE) developed the exams in partnership with Automotive
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		<p>Youth Educational Systems (AYES), National Automotive Technicians Education Foundation (NATEF), and SkillsUSA. For more information about the ASE Student Certification program, including dates, testing details, scoring criteria, and more, please visit www.ASEStudentCertification.com.</p> <p>Renewal: Student certification is valid for two years from the date the exam was taken.</p> <p>Exam Integrity: All tests are administered at the school through a secure computer-based testing (CBT) platform delivered via the Internet. A proctor, who is a staff person other than an automotive instructor, enables the exam for students and monitors their test sessions.</p> <p>ASE Student exams are reviewed periodically and updated to maintain currency with NATEF Standards Releases.</p>
Hour Requirements (includes any instructional, lab/practice hours, or internship hours).	All competencies must be covered. There are no work experience requirements for student certification; the student simply needs to pass one or more of the student certification exams. Upon successful completion of an exam, the school prints the certificate, has it signed for validation, and then awards it to the student.	<p>Programs should align with the NATEF Standards but are not required to be accredited by NATEF. http://www.natef.org/NATEF/media/NATEFMedia/Accreditation/Accreditation%20Docs/2013%20Accreditation%20Docs/2013%20Collision%20Docs/2013-Collision-Program-Standards.pdf</p>
Competencies demonstrated by credential attainment.	<p>Structural Analysis and Damage Repairs</p> <ul style="list-style-type: none"> • Frame Inspection and Repair • Unibody Inspection, Measurement, and Repair • Fixed Glass • Metal Welding and Cutting <p>Non-Structural Analysis and Damage Repair</p> <ul style="list-style-type: none"> • Preparation 	

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Certification Affirmation Template

- Outer Body Panel Repair, Replacements, and Adjustments
 - Metal Finishing and Body Filling
 - Moveable Glass and Hardware
 - Plastics and Adhesives
- Mechanical and Electrical Components
- Suspension and Steering
 - Electrical
 - Brakes
 - Heating and Air Conditioning
 - Cooling Systems
 - Drive Train
 - Fuel, Intake and Exhaust Systems
 - Restraint Systems
- Painting and Refinishing
- Safety Precautions
 - Surface Preparation
 - Spray Gun and Related Equipment Operation
 - Paint Mixing, Matching, and Applying
 - Paint Defects – Cause and Cures
 - Final Detail

Rationale:

The Trades and Industry Credit Affirmation Team (CAT) utilized the following process to complete the assessment regarding the number of semester hours that would be awarded at the college level as block credit based on industry credentials plus 600-749 clock hours earned at an Ohio Technical Center (OTC).

- Research the competencies tested by the industry credential(s). The Trades and Industry CAT reviewed information about the industry credential(s) to determine the competencies signaled by earning the credential(s).
- Complete a nationwide internet search to review how other accredited colleges and universities are applying credit to ASE Student Certifications as a point of comparison. The Kansas Board of Regents has developed an articulation for ASE Student Certifications for college credit. Please see the below chart for credit awarded by the Kansas Board of Regents.

Certificate A “Common Courses”	Credit Earned: 13 credit hours
<ul style="list-style-type: none"> • ASE Student Exam Painting and Refinishing 	
Certificate B “Common Courses + Supplemental Courses”	Credit Earned: 37 credit hours
<ul style="list-style-type: none"> • ASE Student Exam Paint and Refinishing 	

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<ul style="list-style-type: none"> • ASE Student Exam Structural Analysis Damage and Repair • ASE Student Exam Non-Structural Analysis Damage and Repair 	
Certificate C “Common Courses + Supplemental Courses+ Additional ASE certification” <ul style="list-style-type: none"> • ASE Student Exam Paint and Refinishing • ASE Student Exam Structural Analysis Damage and Repair • ASE Student Exam Non-Structural Analysis Damage and Repair • ASE Student Exam Mechanical and Electrical 	Credit Earned: 43 credit hours
Collision and Repair AAS degree requires completion of certification C and a minimum of 15 credit hours of general education and includes 12 elective credit hours.	

- Review the value of local program advisory committee recommendations to meet the local industry needs. The Team concurred that there was value in having lab/practical, internships and/or externships as part of the program to meet local industry/business needs.
- Review OSHA 10-Hour Hazard Recognition Training for the General Industry. OSHA 10 includes content essential to general-related work such as fall protection, personal protective equipment, fire prevention and safety, OSHA inspection procedures and more.

The Trades and Industry CAT confirms:

- The certifications exams are valid, reliable and peer-reviewed on a regular basis to ensure the content accurately measures intended competencies.
- The ASE exams are administered through a secure process and delivered in a computer-based format to improve security and maintain currency of content.
- The competencies measured by the ASE exams are developed by industry and reflect industry standards.

The Trades and Industry CAT also considered competencies signaled by lab and practical learning experiences. As part of the program offered by OTCs, student will participate in lab/practical experience as recommended by the local program advisory committee to meet local business and industry needs. The lab/practical experiences will reinforce the instructional competencies through hands-on learning.

The four modules included in ASE Student Auto Collision and Repair were discussed, but the credit affirmation team

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determined that 600-749 clock hours would be insufficient to teach all four of those modules. A longer clock hour program would likely consist of three or more modules. The team concurred that there was value in having lab/practical, internships and/or externships as part of the program to meet local industry/business needs.

Upon successful completion of the 600-749 hour program in the field of Auto Collision and Repair at an OTC and meeting the below credentialing pathway:

- Students must obtain two of the following certifications:
 - ASE Student Exam: Structural Analysis and Damage Repairs
 - ASE Student Exam: Non-Structural Analysis and Damage Repair
 - ASE Student Exam: Mechanical and Electrical Components
 - ASE Student Exam: Painting and Refinishing
- AND the following certification:
 - OSHA 10 general industry certification

A student shall be awarded 20 technical semester hours towards completion of an Association of Technical Studies at a public degree granting college or university.

ONLY IF NECESSARY TO AFFIRM 20 CREDITS----STEP TWO: PROGRAM-RELATED COMPETENCIES OBTAINED OUTSIDE OF PRIMARY CREDENTIAL

	Details/Explanation	Comments
Additional related complementary credential(s) or badge(s) (e.g. OSHA 10, CPR).	OSHA 10 – General Industry	
Competencies demonstrated by additional credential attainment.	<p>Mandatory - 7 hours of training</p> <ul style="list-style-type: none"> • Introduction to OSHA • Walking and Working Surfaces, including fall protection • Exit Routes, Emergency Action Plans, Fire Prevention Plans, and Fire Protection • Electrical • Personal Protective Equipment • Hazard Communication <p>Elective - 2 hours of Training</p>	<p>Must be taught by a Certified OSHA Outreach Trainer.</p> <p>https://www.osha.gov/dte/outreach/program_requirements.pdf</p> <p>OSHA safety training compliance standards are for the jobsite and individuals receive a wallet card and certificate. OSHA 10 can only be taught by an OSHA Outreach Trainer in good standing, who has been approved by OSHA standards and has completed OSHA Train-the Train course work.</p>

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	<p>Must present at least two hours of training on the following topics. At least two topics must be presented. The minimum length of any topic is one-half hour.</p> <ul style="list-style-type: none"> • Hazardous Materials • Materials Handling • Machine Guarding • Introduction to Industrial Hygiene • Bloodborne Pathogens • Ergonomics • Safety and Health Program • Fall Protection <p>Optional - 1 hour of Training.</p> <p>Teach other general industry hazards or policies and/or expand on the mandatory or elective topics. The minimum length of any topic is one-half hour.</p>													
Description of additional program elements beyond primary credential.														
Program related competencies/learning outcomes outside of credential(s). Include how competencies are demonstrated.														
Related Programs as of Fall 2016:	Ohio Technical Center Penta Career Center	Program Name Automotive Body Repair Clock Hours 600												
Committee Members and Subject Matter Experts:	<table> <tr> <th>Name</th><th>Role</th><th>Institution</th></tr> <tr> <td>Barbara Wagner</td><td>Co-Chair</td><td>Upper Valley Career Center</td></tr> <tr> <td>Kelly Zelesnik</td><td>Co-Chair</td><td>Lorain County Community College</td></tr> <tr> <td>Jon Buttelwerth</td><td>Member</td><td>Cincinnati State Technical and Community College</td></tr> </table>	Name	Role	Institution	Barbara Wagner	Co-Chair	Upper Valley Career Center	Kelly Zelesnik	Co-Chair	Lorain County Community College	Jon Buttelwerth	Member	Cincinnati State Technical and Community College	
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	Carrie Fife	Member	Pickaway Ross Career & Technology Center
	Carl Hilgarth	Member	Shawnee State University
	Jeffrey Jones	Member	Ashland County West Holmes Career Center
	Larraine Kapka	Member	Sinclair Community College
	Mike Sizemore	Member	Miami Valley Career Technical Center
	Greg Timberlake	Member	North Central State College
Other Parameters of Competency.			
OTHER COMMENTS.	Material covered is adequate to allow 20 hours of credit to be granted.		
AFFIRMED NUMBER OF TECHNICAL BLOCK CREDITS	20 semester hours		LENGTH OF TIME CREDENTIAL CAN BE USED FOR ONE-YEAR OPTION: Must have completed a 600-749 clock hour program at an Ohio Technical Center and meets the below credentialing pathway: <ul style="list-style-type: none"> • Students must obtain two of the following certifications: <ul style="list-style-type: none"> ○ ASE Student Exam: Structural Analysis and Damage Repairs ○ ASE Student Exam: Non-Structural Analysis and Damage Repair ○ ASE Student Exam: Mechanical and Electrical Components ○ ASE Student Exam: Painting and Refinishing • AND the following certification: <ul style="list-style-type: none"> ○ OSHA 10 General Industry <p>The above certifications must be current and valid. If an individual's ASE Student Certifications have expired, the individual must have previously passed all of the certifications and hold at least one current ASE technician certification (B2- B5) or an ASE Master Collision Technician certification.</p>

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Co-chair signatures:



Dr. Barbara G. A. Wagner, Adult Division Director
Upper Valley Career Center – Ohio Technical Center



Kelly A. Zelesnik, Dean of Engineering Technologies
Lorain County Community College

Date: 5/5/2017